

FOLIO

Board of Governors

Among the items dealt with by the Board of Governors at its meeting of 4 June were the following.

One long, summer evening in 1953, Sandy Mactaggart walked down into the Whitemud valley. There he found Walter Street, "a very strong, unwashed, taciturn old bachelor... with a great love for the land and its beauty," ploughing his fields. It is part of that land, purchased from Mr. Street by Mr. Mactaggart, that is to become The University of Alberta's wildlife sanctuary. And it is that land, now worth an appraised \$1.93 million, that makes possible the newest Fellowship Fund at The University of Alberta.

The establishment of the Mactaggart Fellowship Fund, heartily endorsed by the Governors, is made possible by a \$1.93 million grant from the provincial government. Under the terms of the 1980s Advanced Education Endowment Fund, the gift of land from Mr. Mactaggart qualifies for a matching grant and it is this endowment that makes the Mactaggart Fellowship Fund possible.

The fund has been established for the areas of the humanities and the social sciences and will provide for the appointment of Fellows, without continuing university appointments, to develop further their research skills while maintaining a commitment to teaching. This, it is expected, will enable the Fellows to compete more successfully for vacant positions when they occur. The first appointments will be made in July 1983.

The Mactaggart Fellowships will be made available to "promising Canadian juniors" and will consist of a three-year term renewable once for a two-year period. In addition to conducting research, Fellows will be required to teach up to a maximum of three half-year courses over two terms.

The University will select three or four Fellows per year with some ten to twelve Fellows participating when the program is fully operational.

The land donated to the University by Mr. Mactaggart earlier this spring, 128 acres adjacent to the University's Ellerslie Research Station, is the most significant private donation of land ever received by the University.

International Development Activities Receive Board Support

An eighth category of expenditure under The University of Alberta Endowment Fund for the Future was approved at the June board meeting. The new Fund for the Support of International Development Activities (FSIDA) will provide for a very specific kind of support: "(a) support for an individual or University body in aid of travel, communications, and other reasonable costs associated with the preparation of a formal project proposal for submission to a funding agency; and (b) support to a Department or Faculty to cover minimal replacement costs up to a maximum of four months for a faculty member participating in an international development

project."

In recommending approval for FSIDA, the Academic Concerns Committee explained that while most international development activities are financed by outside agencies (CIDA, for example), the profile and participation of The University of Alberta could be significantly raised if some University funds were available to support such projects in their initial, exploratory stages, or to make more attractive the release of individual staff members from teaching commitments.

The Fund, which will be disbursed by the Vice-President (Academic), will be available on a University-wide basis. Proposals may be submitted by individual staff members (in which case the proposal must be endorsed by the Faculty or Department concerned) or by Departments and Faculties themselves.

The Board also approved the establishment of the FSIDA Committee which will advise the Vice-President (Academic) on the disbursement of FSIDA funds, estimated at \$90,000 for 1982-83.

The University of Alberta Endowment Fund for the Future was set up in November 1980, based on revenues realized from the sale of University Farm land to the provincial government. The sale of the Farm land generated \$14.4 million for the University and the estimated annual revenue from the proceeds of that sale is in the order of \$1.25 million.

The seven categories for expenditure already in existence under the terms of the Fund are: (1) Faculty of Agriculture and Forestry; (2) Henry Marshall

Tory Chairs; (3) McCalla Research Professorships; (4) Distinguished Visitors; (5) Support for the Advancement of Scholarship; (6) Special University/Community Projects; and (7) Discretionary Fund: Vice-President (Research).

University Flag Chosen

For the first time in its history, The University of Alberta has an official flag. The flag design was chosen by the University's Board of Governors.

Discussions concerning the creation of a University flag have taken place throughout the University's history, but action was finally taken by the University's 75th Anniversary Committee. It is intended that the flag initially be flown during the University's 75th Anniversary, 1982-83, and the World University Games, 1 to 11 July 1983.

The focal point of the flag is the University Coat of Arms, with the University colors, green and gold, being incorporated in the design as well. The Coat of Arms was revised in 1950 and the heraldic description is as follows; *Blazon:* Azure, in front of a Range of Snow Mountains proper a Range of Hills Verhin base a wheat field surmounted by a Prairie, both also proper, on a Chief Argent a St. George's Cross. *Crest:* In front of Sun Rays Or an Open Book proper. *Motto:* Quaecumque Vera (Whatsoever Things Are True).

A gold background for the flag was chosen in order that the

University flag be distinct from the flag of the province, although the specifications for the Alberta flag were used as a guide with respect to the size of the flag and the appropriate proportions.

The University flag was designed by Walter Jungkind of the Department of Art and Design. Flags are now being made and will be available soon.

Learning Disabilities Institute Near Reality

The Faculty of Education proposal for an Institute for the Study of Learning Disabilities was given approval by the Board of Governors. A preliminary budget was also approved and will be used as a basis for further discussion between the University and the government.

The Institute is scheduled to begin operation in the 1983-84 academic year providing that funding is received from the provincial government.

The proposed Institute is a result of a major recommendation from the University Senate Task Force on Children and Others with

Learning Disabilities which recognized the importance of obtaining a better understanding of the learning and development of those with learning disabilities in order to provide the most appropriate education for them.

As an interdisciplinary agency within the Education Faculty, the Institute will attempt to discover and to develop ways of optimizing the learning and development of individuals of all ages who are judged to be learning disabled. It is estimated that between six and 30 percent of the population suffer a learning disability. It will not offer courses, but instead will collaborate with existing Departments and Faculties in the development, provision and supervision of their work.

The Institute will have three major areas of interest: early detection of potential learning and development problems, development and testing of intervention systems, and prevention of learning and development problems.

Department Chairs Filled

J. David Jobson has been appointed Chairman of the Department of Finance and Management Science in the University's Faculty of Business. Dr. Jobson will begin his three-year term on 1 July 1982.

A native of Quebec, Dr. Jobson obtained his BSc degree from this University and received his master's and doctoral degrees from Iowa State University. Prior to his teaching career, Dr. Jobson was an economic analyst for Imperial Oil Ltd. in Calgary. After a period as an instructor with the Southern Alberta Institute of Technology, Dr. Jobson went to Iowa State where he acted as a teaching assistant while studying for his doctorate. He joined The University of Alberta staff in 1972.

A member of the Statistical Society of Canada and the American Statistical Association, Dr. Jobson's teaching interests lie in the areas of statistical

inference, applied multivariate analysis, and applied linear statistical models.

Dr. Jobson takes over the chairmanship from Seha Tinic who will return to teaching and research within the department.

The Department of Ophthalmology in the Faculty of Medicine will also have a new chairman. Henry Wyatt, who has been Acting Chairman of the department since July 1980, will begin his five-year term on 1 July 1982.

Dr. Wyatt received his medical training at the Royal Free Hospital School of Medicine in London and his ophthalmic training at the Oxford Eye Hospital and St. Paul's Eye Hospital, both located in England. He earned his DO at the Royal College in London. A rotating intern and a resident pathologist at the Royal Free Hospital, Dr. Wyatt took specialist training in England before coming to The University of Alberta in 1970.

Dr. Wyatt is Chairman of the Alberta Ophthalmic Dispensers Examining Board, a member of the Royal College of Physicians and Surgeons of Canada (Ophthalmology Committee), and is Coordinator of the Indian and Eskimo Eye Care Liaison Committee for the Canadian Ophthalmological Society.

Jeffrey Osborn, Chairman of the University's Department of Oral Biology since 1978, has been reappointed to that position for a five-year term beginning 1 July 1982.

Born in Great Britain, Dr. Osborn received his education at Guy's Hospital in London and obtained his PhD from the University of London. Dr. Osborn acted as House Surgeon at Guy's Hospital for one year prior to becoming a part-time demonstrator in conservative dentistry at the hospital. He held a part-time general practice for eight years while also acting as a demonstrator in dental anatomy at Guy's Hospital. Dr. Osborn, a Visiting Professor at Harvard University, joined the Faculty of Dentistry at this University in

1978.

He has been an invited lecturer at numerous universities including Bristol, Cambridge, Leeds, Chicago, Harvard, Yale, and Toronto. He is author of over thirty articles in the areas of tooth enamel structure, development and evolution, the organization and evolution of dentitions, and developmental controls of tooth shape.

Approval Given to Increase Students' Union Fees

At its regular monthly meeting on Friday, 4 June the University of Alberta Board of Governors approved a motion to increase Students' Union fees by 12 percent effective 1 September 1982.

The fee is a condition of registration for all full-time and part-time undergraduate students and is used to supplement the operation of the Students' Union, which includes such areas as the student newspaper, *The Gateway*, the housing and examination registry, and the student government.

At its meeting on 18 May Students' Council gave approval for a change in its constitution providing for a percentage adjustment in Students' Union fees each year in accordance with the national Consumer Price Index (CPI), at the discretion of the Students' Union. The percentage adjustment will replace the former maximum adjustment of \$1 per year per student without the necessity of a referendum. Any adjustments in fees beyond the CPI in any one year will require approval through a student referendum.

The 12 percent increase will bring the undergraduate full and part-time program fees up to \$48.75 from \$44 with several exceptions including Law and Dentistry, whose fees will be up from \$36 to \$39.75. A number of other programs including the Advanced Practical Obstetrics and Nurse and Medicine Phase III programs will also have fees adjusted to the 12 percent increase. □

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Spring Convocation, Part II

Vice-President (Finance and Administration) Calls on Governments to Probe Spending Priority They Place on Universities

Eminent Chancellor,

It is with some trepidation that I choose this platform to introduce the "Leitch Hypothesis on University Funding." I am morally certain that my colleagues to the rear will conclude very quickly that the theoretical construct that I am about to enunciate should not be dignified by clothing it with so pretentious a description. University administrators are, after all, merely failed academics.

An hypothesis is something that is assumed because it seems likely to be the true explanation. Presumably, once an hypothesis has been rigorously tested and proved empirically, it can be elevated to something else — a principle, perhaps. It is my present intention, on leaving my present situation, to go back to my spiritual home in the Faculty of Business, and do the requisite research. I shall then, of course, publish in a suitably learned journal my paper on the "Leitch Principle of University Funding."

The hypothesis is that the level of government support for universities is directly related to the perceived intensity of a crisis or crises facing the state, and for which the universities are perceived to have the capacity to resolve. In the crisis situation, funding tends to increase, and as the crisis appears to moderate, or vanish, the priority placed on university funding tends to diminish. It is my contention that, although universities cannot, and should not expect an ever-increasing share of the public exchequer, their *relative* position in the spending priorities of government should decline only in response to fundamental structural changes.

The modern case in point for the western world involved the twin crises of the late 'fifties. In the first instance there was the belated recognition that the post-war baby boom had swept through the school system and

was poised on the threshold of the universities. Secondly was the perception, in the wake of Sputnik, that the west's vaunted technological superiority over the Russians was fast disappearing.

Governments responded in dramatic fashion. Capital and operating funds were lavished on existing institutions, and many new public universities were formed. This largesse continued through the 'sixties, and enrolments did, in fact, increase as expected. Coincident with the beginning of the next decade, however, there was an evident tightening of the purse strings as far as universities were concerned, and the squeeze has been on ever since. Of course, there have been blips. In some jurisdictions, for example, election year budgets have proved beneficial to the universities — regrettably, elections normally come only every four years or so.

Although in the recent past there have been examples in the United States and the United Kingdom of actual reductions in the funds provided to the institutions, the general pattern has been one of grant levels which fail to keep pace with the inflationary cost increases experienced by the universities. And so we are into the second decade of the "cut-back" era.

Clearly, one does not set up an hypothesis without some supporting evidence. Many examples of "cut-backs" at this and virtually all other publicly-funded universities can be cited. But these in themselves do not prove the hypothesis, which speaks of priorities as opposed to funding levels. Should revenues accruing to government decline in real terms, then universities should not expect to be held harmless unless they can demonstrate the need for a higher priority. The hypothesis is that the universities have been moving down in the priority scale.

Alberta universities have

generally done very well in the context of what has happened to their sister institutions in Canada. This province is second only to Newfoundland in provincial operating grants per student. At least until 1980, it was second only to Quebec in operating grants per capita. Total university operating income per student again exceeds that of every other province except Newfoundland. But surely statistics of this kind would be expected in a province where total government expenditures increased twenty-fold between 1960 and 1980, and quintupled between 1970 and 1980.

Perhaps of more relevance is the comparison which shows that Alberta stands sixth of the ten provinces in university operating grants per \$1,000 of provincial personal income, and tenth in total university operating expenditures as a percentage of provincial gross domestic product.

The data which best support the hypothesis of the change in spending priorities on the part of governments come out of Saskatchewan. In 1960-61, total operating and capital expenditures on university education accounted for 6.67 percent of the provincial budget. By 1968-69, this percentage had increased to 15.95 percent. By 1977-78, the last year for which data were available, the percentage had fallen to 7.54 percent.

One can speculate as to why governments' attitudes, as reflected in their spending priorities, changed something over a decade ago. In this province, we are told that government priorities are determined in the final analysis by the electorate, and that the voters wanted restraint imposed upon the universities. A survey commissioned jointly by the Presidents of The University of Alberta and the University of

Calgary late last year would appear to refute this position. A significant majority supported the maintenance of public spending on universities, and were of the opinion that the people of Alberta benefit from the system of provincial universities; two-thirds of those surveyed expressed general satisfaction with the performance of Alberta universities. But I might say also, that the minority is extremely vocal — particularly when it comes to the rather elusive concept of tenure, for example.

Notwithstanding the survey, and regardless of whether governments have properly assessed the public will, spending priorities have changed to the detriment of universities and student marches on the legislature apart, there has been precious little public outcry. What *did* prompt the change?

My hypothesis would have it that once the initial surge of students was absorbed by the universities, and once the United States had launched its first satellite into space, the sense of crisis was over, and governments felt comfortable in placing greater emphasis on other programs. Another part of the answer may lie in certain demographic studies, which indicated that after reaching a peak in the seventies, enrolments at universities would go into a long decline. Such projections are already suspect, in that enrolments across Canada rose last year, and it is considered likely that the 1982-83 academic year will see more full-time students in Alberta universities than ever before.

There could also be the perception that there has been insufficient pay-off for the heavy investment in universities that took place in the 'sixties. That perception would be as difficult to document as it is to refute. However, a university education is now accessible to more people than ever before in history. At

the same time, universities continue to provide leadership in the development of new technology. One could point to the discovery of the basic technology of the laser, of the CAT scanner, now used routinely for diagnostic purposes in major hospitals all over the world. The discoveries that led to a new industry, that of bio-technology, were made at the University of California and Stanford University. Closer to home we have the work done by Dr. Raymond Lemieux at this University, which has resulted in some thirty patents and the establishment of three companies to exploit his discoveries.

Eminent Chancellor, my remarks today were not intended as a thinly disguised appeal for a dramatic increase in the public funding of universities. These are uncertain times, and the universities along with all other institutions in the public and private sectors must ensure that their resources are being utilized as effectively as possible. Indeed,

in accordance with the adage that "the Lord helps those who help themselves," and with the encouragement of the provincial government's matching grant scheme, The University of Alberta will be commencing a major fund raising campaign this year — its 75th Anniversary Year.

What I am appealing for is a rational examination on the part of governments with respect to the spending priority which they place on their universities. If the hypothesis of crisis financing has some validity, then I submit that the state is facing a crisis, and that the universities have an important role to play in the resolution of that crisis. We are falling behind in terms of the competitiveness of our industries and the sophistication of our research and development. Other programs, as important as many of these are, must not be permitted to impinge still further on the relative share of funds going to the universities. Although this one sector will not

in itself provide salvation for our system, the universities can and will continue to make important contributions to the welfare of

the state, if permitted to do so.* □

*The preceding Report to Convocation was given on 1 June by L.C. Leitch, Vice-President (Finance and Administration).

Students on the Move in Alberta Post-Secondary Institutions

There has been a steady increase in the number of students transferring to Alberta universities in the past three years. Thus begins *Transfer Patterns: A Study of Student Transfers Among Alberta Post-Secondary Institutions*, released recently by the Alberta Council on Admissions and Transfer.

The study, undertaken by the Council in early 1979, was designed to provide a picture of the direction and volume of transfer traffic in post-secondary institutions over a period of at least three years. And the picture is an interesting one.

The trend of full-time students transferring to the universities is one of growth: a modest but steady twenty-seven percent increase for within-province students; and a more rapid forty-three percent increase for into-province students. The part-time pattern of transfer to universities in Alberta involves fewer students but more rapid growth while the transfer to graduate studies has almost doubled in the last three years.

While the report contains no particular statistical surprises, it does reveal some interesting trends, according to W.A.D. Burns, Assistant Registrar and Admissions Officer who is currently Protocol Commissioner at The University of Alberta. "Many people do not realize just how much mobility there is within the post-secondary institutions in Alberta. In fact, there is a surprising amount of movement within the system," he points out.

And not all of that movement is towards the universities. More and more students are completing a university degree and then transferring to a college or technical institute to take more specialized training. "We tend to

think mostly in terms of transfers to the universities, but it is definitely a two-way street," says Mr. Burns.

Findings in *Transfer Patterns* bear this out, statistics showing that there is a growing rate of transfer to the various non-university institutions in the province.

The Alberta Council on Admissions and Transfer is chaired by Jim Baker and consists of eleven representatives: one each for the four Alberta universities; four representing the public and private colleges; and one each for NAIT, SAIT, and the Alberta Vocational Centres. □

Soils Problems to be Unearthed at Breton Field Day

Soil acidity and liming is the theme of the 1982 Breton Plots Field Day and Soils-Crop Clinic. The on-site workshop, sponsored by The University of Alberta and Alberta Agriculture, will be held on 2 July.

The Breton Plots, located some 110 kilometres southwest of Edmonton, are operated by the University's Department of Soil Science. Soils in the area are difficult to manage because of poor physical conditions, acidity, and low nutrient status, and research at the plots was initiated by the University in 1929. Some of the plots have been in operation since 1930 and a variety of short-term experiments are regularly undertaken.

Each year, the jointly-sponsored field day provides an

opportunity for farmers in the area and others with an interest in soil problems to discuss a number of related topics. This year, with the emphasis on soil acidity and liming, participants will be able to view both long-term and short-term experiments, discuss numerous soil-related difficulties, and consult with University specialists about specific problems related to soils, fertilizers, weeds, and crops.

The field day, which begins at 1 p.m., is free of charge and no pre-registration is required. Anyone wishing more information on the field day or the exact location of the Breton Plots is asked to contact the Department of Soil Science at 432-3242. □

Bicycle Thefts Mounting

W.F.G. Perry, Director, Campus Security and Parking Services, would like to draw the University community's attention to the fact that, over the past few weeks, students have been victimized by a bicycle thief or thieves.

Although in some instances the bicycles were not locked, Mr. Perry says that in the majority of the cases the bicycles were locked and obviously the chains or padlocks had been cut.

"We endeavor to keep as much surveillance as is feasible under the circumstances but to date we have no information regarding the person(s) who may be involved."

Folio readers are asked to be aware of this threat and to contact Campus Security at 432-5252 should they observe any suspicious activities with respect to bicycles. □



Best wishes and congratulations were the order of the day at a brief ceremony last week in which Athabasca University presented its 75th Anniversary gift to The University of Alberta. John P.C. Elson (second from left), Chairman of the Athabasca University Governing Council, hands a rare edition of *The Pilgrim's Progress* to John Schlosser, Chairman of this University's Board of Governors. Looking on are Stephen Griew (left), President of Athabasca University; President Horowitz (center); University Librarian Bruce Peel; and John Charles (right), the University's Special Collections Librarian.

University Receives 75th Anniversary Gift from Athabasca University

A rare and valuable edition of John Bunyan's *The Pilgrim's Progress* has been added to the University's Special Collections Library.

The fourth illustrated American edition, published in Boston in 1794, is a gift from Athabasca University in honor of The University of Alberta's 75th Anniversary. According to John Charles, Special Collections Librarian, "it is extremely exciting to get such an important edition of Bunyan's incredibly popular work."

The University's collection of the works of John Bunyan is one of its major collections and the only important collection of Bunyan to be found in Canada. In fact, says Mr. Charles, it is one of the three most important collections of his work in North America (the other two being in the New York Public Library and the Huntington Library in San Marino, California).

Bunyan, recognized as one of the greatest prose writers of the 17th century, wrote *The Pilgrim's Progress* in 1678. It became a very popular evangelical tract, and a very popular children's story. So popular, in fact, that the eleven editions published during Bunyan's lifetime were "read and read and read until there was nothing left."

The gift from Athabasca University is a major addition to the University's collection, in part because of the general scarcity of Bunyan's works, and in part because of the scarcity of illustrated editions.

"We knew of this edition through a contact with a San Francisco book dealer," explains Mr. Charles. "We actually had the book on hold, but we ran out of funds. Now, thanks to Athabasca University, our Bunyan collection has been greatly enriched." □

Motor Development Clinic Receives Major Grant from Max Bell Foundation

A major three-year grant to the Motor Development Clinic at The University of Alberta has been announced by the Max Bell Foundation. The grant, totalling \$140,000, will be payable in three instalments: \$43,000 in 1982; \$47,000 in 1983; and \$50,000 in 1984.

The clinic, under the direction of A.E. (Ted) Wall, Associate Dean of the Faculty of Physical Education and Recreation, focuses on the needs of physically awkward children. The grant will enable the clinic team to develop new assessment, instructional, and counselling techniques for such children.

According to Dr. Wall, one of the major areas in which learning disabilities are manifest is the physical skills domain. Adequate gross-motor proficiency is an important factor in the physical, social, and emotional development of children. But physically awkward children, because they do not perform expected motor skills with acceptable proficiency, are often excluded from social play and game situations and, as a result, often withdraw from other group activities. "The fact that a person's motor performance is open to evaluation by others is one of the realities that makes physical awkwardness such a serious problem," explains Dr. Wall. "The child who cannot read can hide this fact from others in a number of ways, however, the child who fumbles a ball thrown by a playmate is openly observed by everyone involved."

The Motor Development Clinic is an outgrowth of an interdisciplinary research investigation which Dr. Wall co-directs. He and R.F. Mulcahy, Associate Professor of Educational Psychology, lead a team of researchers made up of educational psychologists, reading

specialists, psychologists, and physical educators.

The three-year project, now into its second year, is funded by the University Fellowship Program of IBM Canada. Its purpose is to investigate the cognitive and motor processes underlying the performance of both reading disabled children and those with normal reading levels. One focus of the team has been the establishment of a valid and reliable gross-motor performance test battery that will help in the identification, evaluation, and remediation of children with gross-motor difficulties.

"Unfortunately," says Dr. Wall, "the funding we receive from IBM is not sufficient to support the remedial aspects of our work. Additional funds are necessary to operate the Motor Development Clinic."

The grant from the Max Bell Foundation provides that additional funding. Now, the Motor Development Clinic, developed last year as a pilot project with seed money from an Alberta Recreation, Parks and Wildlife Foundation grant, can be expanded. Three manuals, to be developed by the clinic staff over the next three years, are indicative of the project's thrust. The titles are: *Assessment and Prescription for the Physically Awkward*, *Remedial Instruction for the Physically Awkward*, and (in two volumes) *The Practitioner's Leisure Counselling Manual for Awkward Children and Recreation for the Physically Awkward: a Parent's Guide*.

The program coordinator for the clinic is Jane Taylor, a master's degree candidate in adapted physical education. She and the clinic staff (including fourth-year adapted physical education students who work in the clinic as part of their practicum program) will work

closely with their colleagues in the Faculty of Education for their expertise in the assessment and prescription of learning disabled children. In addition, the clinic will develop communication lines with cooperating school boards, to set up a referral system, and with service agencies in the community, to encourage the development of recreation programs for physically awkward children.

"At present in Canada," says Dr. Wall, "very little research is being conducted in the critical area of physically awkward children. Now, thanks to the Max Bell Foundation, new assessment, prescription, remediation, and counselling methods can be developed and shared with recreation and education professionals."

The Max Bell Foundation was established under the will of the

late Max Bell, long-time publisher of the *Calgary Albertan* and one of Canada's best known publishers and businessmen. Since his death in 1972, the Foundation has provided grants in the fields of Health Services, the Media, Physical Fitness and Sports, Canada and the Asian Pacific, Veterinary Medicine, and Oceans and Inland Waters. The grants are awarded periodically to charitable and educational institutions across Canada, with a particular emphasis on those in western Canada. "We are pleased to be able to assist the work of the University in this way," says George Gardiner, President of the Foundation.

More information on the Max Bell Foundation may be obtained by contacting Pegi Dover, P.O. Box 122, Toronto Dominion Centre, Toronto, Ontario M5K 1H1. □

Mike Kabotoff, 1924-1982

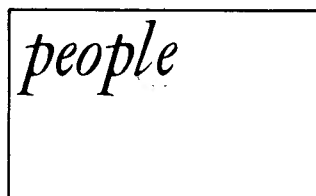
Mike Kabotoff, an employee in the Department of Physical Plant, died on 30 May 1982. Mr. Kabotoff was born in Saskatchewan and at an early age moved with his family to the Pincher Creek area.

He served in the Armed Forces in World War II, and then established himself as a fine finishing carpenter. After a few years in the industry he came to The University of Alberta in May 1964. Within the Department of Physical Plant Projects Division, Mr. Kabotoff served as both Carpenter Foreman, and later Miscellaneous Trades Foreman. Through his diligence and conscientiousness he served the department well and was very well liked by his fellow employees.

Mr. Kabotoff is survived by his loving wife, Anne, two sons, Allan and Ron, one daughter, Shirley, and two grandsons. He was predeceased by one son, Richard, in 1973.

Mr. Kabotoff will be remembered as one who led by example; he was not one to shy away from difficult or unusual projects. He will be sadly missed

by his family and his friends here at The University of Alberta. □



Modilim Achufusi, Director, Nigerian Universities Office, Ottawa and Vice-Chancellor **Chukwu**, Yola University of Technology, Nigeria, visited our University on 7 June. Their itinerary began and ended with discussions with **Amy Zelmer**, Associate Vice-President (Academic). In between, meetings were conducted with **C. Capjack**, Faculty of Engineering; **J. Hooz**, Faculty of Science; **President Horowitz**; and **J.B. McQuitty**, Faculty of Agriculture and Forestry.

Joining the visitors at a luncheon at the Faculty Club were **M. Peters**, Alberta Advanced Education and Manpower; **R. Groberman**,

International Student Advisor; **P. Sartoris**, Dean of Students; **A. Nitecki**, Faculty of Library Science; and Dr. Zelmer.

Robert Bryce (Educational Administration) was guest lecturer at the annual conference of the British Columbia Council on Leadership in Educational Administration. The conference, held in Vancouver on 4 June, saw Dr. Bryce present a paper entitled "Educational Governance in Adversity."

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

SUB Theatre

17 and 18 June, 7:30 p.m. The Sandra Gray School of Dancing recital. Tickets available from Sandra Gray School of Dancing students.

19 June, 7:30 p.m. Dance Canada Academy Ltd. — dance recital. Tickets available through Dance Canada Academy students.

20 to 23 June. Regional Dance Competition. For further information, contact Heather's School of Dancing, Fort McMurray, 743-1515 or 791-9972.

25 June. University of Alberta Hospital School of Nursing graduation ceremonies. Admission by invitation only.

26 June. Cathy Hauptman School of Dance — annual recital. For further information, phone the School of Dance at 462-6021 or 465-7410.

27 June, 2 p.m. The Knights of Columbus Variety Show. Tickets available by calling 426-3711 or at the door.

Lectures and Seminars

Forestry-Genetics Seminar

21 June, 2 p.m. A.H.D. Brown, Commonwealth Scientific and Industrial Research Organization, Canberra, Australia, on "Genetic variation and the new data: Analysis of variation among DNA sequences of maize knob heterochromatin." CW 410 Biological Sciences Building.

Biochemistry Seminar

22 June, 4 p.m. Staffan Normark, Professor and Chairman of the Department of Microbiology, Umea University, Umea, Sweden, on "Genetic Dissection of the *E. coli* Digalactoside Binding Pili Associated with Pyelonephritis." 2-27 Medical Sciences Building.

Department of Anatomy

John Gosling, Department of Anatomy, University of Manchester, Manchester, England, will present the following two lectures:

22 June, 4 p.m. "Functional anatomy of the upper urinary tract." 6-28 Medical Sciences Building.

24 June, 4 p.m. "Functional anatomy of continence and micturition." 6-28 Medical Sciences Building.

Forestry Seminar

24 June, 10:30 a.m. Alex Shigo, U.S. Forest Service, Durham, New Hampshire, on "Tree Decay: Time For A New Look." 1-13 Agriculture-Forestry Centre.

Exhibitions

Ring House Gallery

Until 3 October. "O! Osiris, Live Forever!" An exhibition on the scientific investigation of mummification. The exhibit is jointly organized by University Collections and Manchester University Museum, England.

Non-Credit Courses

Devonian Botanical Garden

Rock Garden Construction

Date: 23 to 30 June. Fee: \$15.

Computing Services

Client Training Sessions

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463, or come to 352 General Services Building.

Integrated Graphics Overview

Course number: 728. Date: 23 June. Time: 9 to 11 a.m. Fee: \$5. Prerequisites: "Introduction to Plotting" is recommended. Place: 328 GSB.

Introduction to MTS for Programmers

Course number: 729. Date: 28 June, 5 July. Time: 9 to 11 a.m. Fee: \$10. Prerequisites: None. Place: 328/351 GSB.

Efficient File Editing

Course number: 758. Date: 29 June, 2 July. Time: 11 a.m. to 1 p.m. Fee: \$10. Prerequisites: "MTS and Editor Fundamentals" and a good working knowledge of the File Editor. Place: 327 GSB or 357 GSB.

MTS and Editor Fundamentals

Course number: 680. Date: 30 June, 2 July. Time: 11 a.m. to 1 p.m. Fee: \$10. Prerequisites: "Introduction to Computing" or equivalent working knowledge of a DECwriter terminal and MTS. Place: 351 GSB.

Introduction to Computing

Course number: 663. Date: 5 July. Time: 11 a.m. to 1 p.m. Fee: \$5. Prerequisites: No previous computing experience, but familiarity with a keyboard is required. Place: 351 GSB.

MTS Overview

Course number: 707. Date: 6, 8 July. Time: 10 a.m. to 12 noon. Fee: \$10. Prerequisites: "MTS and Editor Fundamentals." Place: 328/357 GSB or 328/327 GSB.

Scholarships, Fellowships, and Awards

Commonwealth Fellowship, 1983

Donor: St. John's College. Where tenable: St. John's College, Cambridge. Level of study: See conditions below. Field of study: Not specified. Value: The holder will be entitled to a room in the College free of rent (if he should require it) and to other rights and privileges of a resident Fellow, together with an honorarium at a rate of 1,250 pounds per year. Number: One. Duration: One year. Conditions: Must be a citizen of an overseas Commonwealth country or of the United Kingdom and on leave of absence from an overseas Commonwealth university. It is intended for scholars holding academic posts, irrespective of seniority and not for scholars still working for post-graduate degrees. Closing date: 1 October 1982. Further information: Further information and application forms should be requested from: The Master, St. John's College, Cambridge, England CB2 1TP.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

1 - Beckman Spectrophotometer UV-V Model DB-G. 1 - Hydrogen Lamp Power Supply for Item 1. 1 - Fisher concentration Counter. For further information, please call 1. Zainul at 432-2101.

Notices

Clinical Sedative Trial

Insomniacs: Do you (1) take longer than one-half hour to fall asleep, (2) sleep less than 6 hours a night, (3) wake too early or (4) wake up more than twice a night? Clinical sedative trial underway. Break the cycle. Limited numbers accepted. Call Dianne at Research Clinic, Clinical Sciences Building, 432-6480 or 432-6599.

Canadian Phytopathological Society

The Annual Meeting of the Canadian Phytopathological Society will be held at The University of Alberta from 20 to 23 June 1982. For further information, call Y. Hiratsuka at (403) 435-7210 or J.P. Tewari at (403) 432-3239.

Positions Vacant

The University is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Assistant Professor (Linguistics)

Applications are invited for the position of assistant professor (tenure track). Requirements include: PhD completed, competence in syntactic theory, typology, and interest in psycholinguistics, research publications, teaching experience. Minimum salary \$27,720. Closing date for applications is 6 August 1982 and the position will be filled as soon as possible. Send application, curriculum vitae, and names of three referees to Dr. Gary D. Prideaux, Chairman, Department of Linguistics, The University of Alberta, Edmonton, Alberta, T6G 2E7.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Please do not contact the department directly. As positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 11 June 1982.

Clerk Typist II (\$1,106-\$1,324) — Office of Community Relations
Clerk Steno II (\$1,106-\$1,324) — Botany
Library Clerk II (Trust) (\$1,106-\$1,324) — Extension-Legal Resource Centre
Financial Records Clerk (Term) (\$1,106-\$1,324) — Housing and Food Services
Data Entry Operator I (\$1,185-\$1,426) — Computing Services
Student Records Processing Clerk (\$1,232-\$1,487) — Education-Student Records Office, Graduate Studies and Research (term to November/82)
Clerk Steno III (\$1,232-\$1,487) — Student Counselling Services
Dental Assistant II (Trust) (\$1,324-\$1,616) — Mobile Dental Clinic Secretary (\$1,373-\$1,682) — Centre for Study of Mental Retardation.
Medical Steno (\$1,373-\$1,682) — Psychiatry, Pediatrics (Part-time)
Administrative Clerk (\$1,373-\$1,682) — Elementary Education, Housing and Food Services
Library Assistant II (\$1,373-\$1,682) — Music, Extension Library, Rural Economy Departmental/Executive Secretary (\$1,548-\$1,908) — University Collections, Senate, Office of the Vice-President (Finance & Administration), Office of the Vice-President (Research)
Art Technician Demonstrator I (Part-time) (\$841-\$1,039) — Art and Design (Sculpture)
Computer Assistant (\$1,106-\$1,324) — Computing Services

Audio Visual Assistant (\$1,148-\$1,373) — Extension
Food Service Worker I (\$1,148-\$1,373) — Housing and Food Services
Storeman II (\$1,324-\$1,616) — Central Stores
Building Services Worker III (\$1,373-\$1,682) — Physical Plant (Building Services)
Technician I (\$1,426-\$1,754) — Surgical Medical Research Institute, Mechanical Engineering
Assistant Buyer (\$1,548-\$1,908) — Purchasing
Biochemistry Technologist I (Trust) (\$1,616-\$1,922) — Surgery
Biology Technician II (\$1,616-\$1,922) — Genetics
Plant Operator I (\$1,682-\$2,078) — Physical Plant (Heating Plant)
Laboratory Technologist I (\$1,754-\$2,171) — Provincial Laboratory
Console Operator (\$1,908-\$2,368) — Computing Services
Senior Coordinator I (\$1,908-\$2,360) — Office of the Registrar
Dental Technician IV (\$2,265-\$2,821) — Dentistry
Programmer/Analyst III (Trust) (\$2,477-\$3,085) — Computing Science
Instrument Mechanic (\$2,518.53) — Physical Plant

The following is a list of currently available positions in The University of Alberta Libraries. The bulletin board in Cameron Library, Room 512, should be consulted for further information as to availability and position requirements.

Library Clerk III (\$1,232-\$1,487) — Acquisitions, Periodicals and Microform Centre
Library Assistant I (\$1,232-\$1,487) — Acquisitions
Library Assistant II (\$1,373-\$1,682) — Law
Library Assistant III (\$1,548-\$1,908) — Education

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.

Accommodations available

For sale — Windsor Park.
Split-level, fully developed, new kitchen, large lot, double garage. Resi Richter 483-9432, 455-4135. Weber.
For sale — Garden Grove condominium. Duggan. French Immersion, one block. Three bedrooms. \$40,000 mortgage. Pat Anholt, Potter Realty 436-3050 (pager), res. 436-1559 or Maxine Tipper 435-7103.

For sale — Walk to University. Well kept two bedroom bungalow. Two bedroom basement suite. Quiet neighborhood. \$115,500 with 16% mortgage for three years. RE/MAX Real Estate. Clarence 438-1575, evenings 434-5296.

For sale — Parkallen. Three bedroom, semi. Good mortgage, garage. Resi Richter 483-9432, 455-4135. Weber.
Sublet — To 31 Aug./82. Large, bright, fully furnished, two bedroom apartment. University area (Edmonton). Suitable for visiting professor. \$550/month, references. Calgary 284-2875.

For sale — Condo, Belgravia. One bedroom. \$43,000. 437-5512.

For rent — Riverbend. Three bedroom, executive townhouse. Five appliances. Fireplace, double garage. Available 1 July. \$875/month. Call collect. 1-278-6311.

For sale — Three bedroom home near University. Large, beautiful yard. Many improvements. \$123,500. Phone 436-6518.

For rent — Furnished, Crestwood. Three bedrooms, finished basement, heated garage. \$900/month, plus utilities. Sept. 1982 — summer 1983. 432-4522, 452-2407.

For sale — \$79,900. Super, three bedroom townhouse, finished basement, private south garden, University busline, \$46,000 mortgage at 10½%. Eleanor Duncan 434-7368, 436-3050, Potter Realty.

For rent — Bungalow, Belgravia. Double garage. 1 July. \$650. 489-2795, 487-3053 evenings.

For sale — By owner. Three bedroom bungalow. Rio Terrace. Mortgages expire 1984/85. Reduced for immediate sale. Phone 435-0250.

For rent/share — Furnished, three bedroom, Blue Quill townhouse; piano, fireplace, laundry. Low rent in exchange for care of puppies. Call 437-7924.

Female wanted to share — furnished, two bedroom apartment in Riverbend. \$300/month, utilities included, five appliances. Call Laurie at 432-6601, days.

For sale — Excellent, four bedroom in University area. Charming, older home, completely restored, many extras. Offers! \$153,900. Pat Anderson 481-2284. Royal Trust 435-4869.

For sale — Belgravia bungalow, hardwood floors, pie shaped lot, great location and priced to sell. Call Art Valerio 437-7480 or 465-6098. A.E. LePage.

For sale — Sparkling clean! 16'x16' bedrooms. Fireplace, view. Fully carpeted. All appliances. Over 1,400 sq. ft. Exceptional condo. Only \$99,500. (Vendors have purchased smaller home) Patricia Tietzen A.E. LePage 437-7480.

For sale — Walk University. Immaculate bungalow, three bedrooms main floor. Three bedrooms, kitchen, living, in basement. Excellent revenue. Private entrance. Lorraine 437-7480, 436-4777. Immediate occupancy. A.E. LePage.

For rent — Furnished, \$1,000/month. Three bedroom bungalow. Available Aug. 1982-July 1983. Southside 436-1157.
For rent — Spacious, four bedroom home in Spruce Grove, July, Aug. \$400/month

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plus utilities. Ideal family location, fenced yard. 962-5065.

For rent — Four bedroom house.

Direct bus University. Sabbatical. Sept.-March 1983. 465-1805.

Low rent to reliable tenant — bungalow near University. July-Aug. 432-5095, 435-0155.

Seattle house for rent — Furnished, four bedroom, living room, family room, two baths, fireplace, plus wooded lot. Available 1 July to 28 Aug., 8 weeks for \$800. Call 435-7045.

For lease — 1 Aug. Three bedroom house, garage, appliances, curtains. \$850. 115 St.-51 Ave. 437-1959, 962-3311.

For sale — New listing. Belgravia.

Three bedroom, family room, fully developed basement. Resi Richter 483-9432, 455-4135. Weber.

For sale — Greatly reduced. Belgravia. Two bedrooms up, two down, two baths, rumpus room. Resi Richter 483-9432, 455-4135. Weber.

For sale — Two storey, Inglewood house, ideal for families. 1,450 sq. ft., four bedrooms up, four bathrooms, developed basement, attached double garage. \$118,000. Call Ken after 6 p.m. 455-4437.

For rent — Windsor Park. Furnished, three bedroom house. Two baths, finished basement, family room, piano, fenced yard. Mid-July 1982 to Aug. 1983. 432-5620, 433-6213.

For sale — 320 acres of recreational land, tall trees, lake, spring,

40 acres hay, near Cherhill on Hwy. 43. Wally Hawryluk 962-4950 A.E. LePage.

For sale — University area, four bedroom, semi bungalow, 1,450 sq. ft., hardwood floors, cedar deck off den, fireplace, garage. \$93,000 from owner. 437-3596.

For rent — Two bedroom, furnished apartment. Indoor tennis, pool, sauna, jacuzzi, dishwasher. Fifteen minute walk from University. Available 1 Sept.-31 Dec. \$550 or best offer. 432-0634 or 432-3799.

Basement suite — suitable for two. \$255. 9915-89 Ave. 434-3053.

For rent — Cambridge, U.K., for 6 or 12 months, new house, 5 miles from downtown. \$500/month. (T) Rusty Morris Traveller also available by arrangement. 436-9701.

Attractive, bi-level, southside, no pets, six weeks, 28 June-10 Aug. 437-0093.

For sale — Grandview. Beautiful, family home. Large treed lot, best location, great financing. Listed \$169,900. Call Jenny Kendal 439-2461, 426-5880 pager 4998. A.E. LePage.

For sale — As new, executive, four-plex unit. Three bedrooms, near University/bus. Neutral colors. \$98,000. 437-5161.

For sale — House by owners: Three bedroom, semi-bungalow in Parkallen, one mile south of campus. 1,075 sq. ft. home with garage on well treed lot. 435-2909 evenings.

Accommodations wanted

Department chairman seeks clean, two bedroom house or main floor close to University, beginning 1 July 1982. \$400 month. Two cats. S. Brainerd. 432-5990 (leave message with Anita) 1-529-672-5896 evenings.

Responsible couple with one child, non-smokers, wish to rent house in S.W. starting 1 Aug. 1982 for 6 months. 434-4904.

Furnished, sabbatical apartment needed for Writer-in-Residence, one or both terms. 432-5192, 435-0638.

Automobiles and others

1980 Vanagon-L camper. Low mileage. Automatic. Best offers only. 434-2748 after 6 p.m.

1977 Renault stationwagon. Metallic blue. Plazier Auto Services. 439-7576, 432-7699.

1979 20' Glendale Motorhome; excellent condition, 10,000 miles, 432-7359.

Goods for sale

Leaving country, selling piano and bench. Wagner, 52", walnut. 465-1805.

Choice coin collection at reasonable price. Newfoundland, Canadian, British, U.S. coins. Write Frank Fearn, apartment 416, 100 Elizabeth Avenue, St. John's, Newfoundland A1B 1S1.

Matching L.R/D.R. lined drapes, light cream woven fabric, 1-22'6" x 84", 1-10' x 84". \$150. Phone evenings 434-8237.

Services

Donnic Word Processing. Specializing in theses, etc. 8315A-105 St. 432-1419. Singing teacher, Eileen Turner 439-4661.

General Carpentry Work — Renovations. 434-9709 evenings.

School French Alliance. Intensive summer courses (July, Aug.) for adults and children at ALL levels, including kindergarten. 433-7946.

Piano, theory lessons. Western Board. Robert Garipey 433-7238.

Caraway, an alternative program within E.P.S.B., featuring an integrated curriculum, and centres and theme approach, has openings for 1982-3 in grades 1-6. For information call Gail 434-9702.

Medical Research Technologist required for HLA Lab. and cancer research. Position available immediately. BSc and interest in research preferred. Salary as per provincial Health Science agreement. Contact Blood Transfusion Service at 420-0792.

Alterations, dressmaking, tailoring by Shirley DeChamplain. 437-3016.

Creative development through art. Children's summer art programs. 433-0044.

Students' Union and Community Day Care require a staff member with an E.C.S. certificate/diploma for E.C.S. program being established Fall of 1982. Resume to Marian Warwick before 1 July.

Staff Fitness Programmes Registering Now

Summer Programme Running 5 July - 10 Sept.

Aerobic Dance — Beginner
Intermediate
Advanced

Aquacises — Gentle exercise in the water

Yoga — Nature's tranquilizer

Calisthenics & Jogging

Special late afternoon classes for people who work late.

Twenty lesson series \$44

Special 10 lesson series for people going on summer vacation \$25.

Information call Dr. Art Burgess 432-2601.

Surplus Equipment

1 - Philips EM300 Electron Microscope, approximately 14 years old.

For further information, please contact Dr. Scraba at 432-5520, or Ms. Randall-Madson at 432-4545 - Department of Biochemistry.

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